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1644

TECH CENTER 1600/2900

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/626,617A

DATE: 11/27/2000
 TIME: 17:36:47

Input Set : A:\LUD 5664.txt
 Output Set: N:\CRF3\11272000\I626617A.raw

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DEC 11 2000

TECH CENTER 1600/2900

1 <110> APPLICANT: Dumoutier, Laure
 2 Renault, Jean-Christophe
 4 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors, or
 5 Interleukin-21, The Proteins Encoded, and Uses Thereof
 7 <130> FILE REFERENCE: LUD 5664
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 C--> 10 <141> CURRENT FILING DATE: 2000-07-27
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 13 <151> PRIOR FILING DATE: 1999-10-18
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 18 <150> PRIOR APPLICATION NUMBER: US09/178,973
 20 <151> PRIOR FILING DATE: 1998-10-26
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 41 <211> LENGTH: 24
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 43 <213> ORGANISM: Mus musculus
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 56 <210> SEQ ID NO: 5
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 58 <212> TYPE: DNA
 59 <213> ORGANISM: Mus musculus
 W--> 60 <220> FEATURE:

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      82 attgccctgt gggcccaggga ggcaaatgag ctgcccgta acaccggtg caagcttgag   180
      84 gtgtccaaact tccagcagcc gtacatcgtc aaccgcacct ttatgctggc caaggaggcc   240
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      94 aatgtcagaa ggcgtgaagg gacagtgaag aagcttggag agagtggaga gatcaagggc   540
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     100 tggacttttt tactaaagga aagtggagaag ctaacgtcca tcatcattag aagatttcac   720
     102 atgaaacctg gctcagttga aaaaagaaat agtgtaagt tgtccatgag accagaggta   780
     104 gacttgataa ccacaaagat tcattgacaa tattttattg tcaatgatga tacaacagaa   840
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     108 agcttatgta acttcatttc catatccaat attttatata tgaagtatta ttattataaa   960
     110 gtatacattt tatttatgtc agtttattaa tatggattta ttatagaaa cattatctgc  1020
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     127 taagaggcgc tattatcagc attaaccaac atgttaatgt ttcttcttgg caagcaaac   180
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     137 tgtttcacc ccatgtatgt ctgtgcacca agtgctgcct ggtgcttggt ggggcaagg   480
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143 tctctctcca gccccaacat gagtgccttt agattccacc tagaatagag atctgatggc 660
145 ttcactcact gccacctccc ctttgcatct tctgcccagg gaacacccaa aagcaagaat 720
147 ccccaactg ctttcgctcc tcaagtctgc acctctcaac aggtcaagat tctccagtgt 780
149 cctctaaaca ctttccccag tgccctctca acactttctc cagtgtccct ctaacacttt 840
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157 ggattcagtg tacatacaat gcaaaaaatc ccagtatttt gtaaatcttc ttcttcaact 1080
159 atccatctat atagtatgtt attgtaggct catttaaaaa taatatattg agacttatgc 1140
161 ttgcacaagt aaaatgtcag agaattagca aatgtatagt attattttat tttaaaaaaa 1200
163 tctatgctta aaatgtctat tagatttttc actaccgata ttccaaaact taacttgacc 1260
165 ttggctatga ttccaacctt tgtatttgca tctaccataa cagtctctga accagaacat 1320
167 tctgtggcaa tgggagctgt gaagaaagcc aacattctta ttaaaaaaaa aaacagcta 1380
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171 aataatcttc aagttttcat tatggcttat ttcaaagcac agaatatagg acacgggtct 1500
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183 agaagacagg actggaattt agataatgtc tgatgtcata tcattcacia taccaaaaaa 1860
185 accctgggtg cccgatggct ataaaagcag caacttctgc ctctcccatc acaagcagag 1920
187 acacctaaac aggttaagcac tcagacctct acagacaatc atctgcttgg taccatgcta 1980
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237 atgyagaggc ctcatggttg ggggtgtgaa aggtcactcc ttttccatgt gatgyagagt 3480
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243 agaaacttta tgcctatctc ttgtgtaca cteccacctt tgatgaggtt cagctcaggt 3660
245 ttcgtttcta cegttcttgc tactggtgga aacttcagta ggattcccca aagacgagga 3720
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259 taacatttta ttgactttgt ctactatctg gtccattact cgttagctgt cacctgtatc 4140
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329 aattgucaaa agactgtgta atttggggg tacagtgtga taattgatct atgtgtgcat 6240
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333 caagttaat atggtagatgc ctgtgtgtgc cttaggtcag aaaggcatga ttttaaggtc 6360
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341 tggagagagt ggagagatca aggcgattgg ggaactggac ctgctgttta tgtctctgag 6600
343 aaatgcttgc gtctgagcga gaagaagcta gaaaacgaaq aactgctcct tcttgccctc 6660
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361 tctgtcttct aatttttctc cctttatatt caacaatacc atccatcatc tcattaccca 7200
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365 ctgtgttttt tgtgtgtgtg tgtgtgtgtg tggggttatg catgtgaaag ccagagatgg 7320
367 atattaggtg ttctctctca tcaatctctt ccttattatt tgagacaggg tctgtcactg 7380
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371 tglat. 7445

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374 <210> SEQ ID NO: 9

375 <211> LENGTH: 1111

376 <212> TYPE: DNA

377 <213> ORGANISM: Mus musculus

W--> 378 <220> FEATURE:

W--> 379 <400> SEQUENCE: 9

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384 tgcctctgtg gccacggagg caaatgcgct gcccatcaac acccggtgca agcttgagg 180
386 gtccaacttc cagcagccgt acatctgcaa ccgcaccttt atgctggcca aggagggcag 240
388 ccttgcagat aacaacacag acgtccggct catcggggag aaactgttcc gaggagtcag 300
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419 <210> SEQ ID NO: 10

420 <211> LENGTH: 21

421 <212> TYPE: DNA

422 <213> ORGANISM: Mus musculus

W--> 423 <220> FEATURE:

W--> 424 <400> SEQUENCE: 10

FYI:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 11/27/2000

PATENT APPLICATION: US/09/626,617A

TIME: 17:36:48

Input Set : A:\LUD 5664.txt

Output Set: N:\CRF3\11272000\I626617A.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:283 W: Missing Blank Line separator, <220> field identifier
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:283 W: Missing Blank Line separator, <220> field identifier
L:37 M:283 W: Missing Blank Line separator, <400> field identifier
L:44 M:283 W: Missing Blank Line separator, <220> field identifier
L:45 M:283 W: Missing Blank Line separator, <400> field identifier
L:52 M:283 W: Missing Blank Line separator, <220> field identifier
L:53 M:283 W: Missing Blank Line separator, <400> field identifier
L:60 M:283 W: Missing Blank Line separator, <220> field identifier
L:61 M:283 W: Missing Blank Line separator, <400> field identifier
L:68 M:283 W: Missing Blank Line separator, <220> field identifier
L:69 M:283 W: Missing Blank Line separator, <400> field identifier
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L:455 M:283 W: Missing Blank Line separator, <220> field identifier
L:456 M:283 W: Missing Blank Line separator, <400> field identifier
L:463 M:283 W: Missing Blank Line separator, <220> field identifier
L:464 M:283 W: Missing Blank Line separator, <400> field identifier
L:472 M:283 W: Missing Blank Line separator, <220> field identifier
L:473 M:283 W: Missing Blank Line separator, <400> field identifier
L:480 M:283 W: Missing Blank Line separator, <220> field identifier
L:481 M:283 W: Missing Blank Line separator, <400> field identifier
L:488 M:283 W: Missing Blank Line separator, <220> field identifier
L:489 M:283 W: Missing Blank Line separator, <400> field identifier
L:509 M:283 W: Missing Blank Line separator, <220> field identifier
L:510 M:283 W: Missing Blank Line separator, <400> field identifier
L:517 M:283 W: Missing Blank Line separator, <220> field identifier
L:518 M:283 W: Missing Blank Line separator, <400> field identifier
L:525 M:283 W: Missing Blank Line separator, <220> field identifier
L:526 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
L:529 M:283 W: Missing Blank Line separator, <400> field identifier
L:530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:536 M:283 W: Missing Blank Line separator, <220> field identifier
L:537 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

VERIFICATION SUMMARY

DATE: 11/27/2000

PATENT APPLICATION: US/09/626,617A

TIME: 17:36:48

Input Set : A:\LUD 5664.txt

Output Set: N:\CRF3\11272000\I626617A.raw

L:537 M:283 W: Missing Blank Line separator, <400> field identifier
L:544 M:283 W: Missing Blank Line separator, <220> field identifier
L:545 M:283 W: Missing Blank Line separator, <400> field identifier
L:552 M:283 W: Missing Blank Line separator, <220> field identifier
L:553 M:283 W: Missing Blank Line separator, <400> field identifier
L:560 M:283 W: Missing Blank Line separator, <220> field identifier
L:561 M:283 W: Missing Blank Line separator, <400> field identifier